



DRAFT Agenda: CFFDRS in Alaska Summit

October 28-30, 2014

Alaska Fire Service Barracks Training Rooms (Building 1003), Ft Wainwright

- *If attending in person, please pre-register at <http://bit.ly/1tHIEXO> (we need to know how many people to expect)*
- *Most sessions will also be carried remotely at <https://www1.gotomeeting.com/join/464715720>; no pre-registration is needed*

Tuesday, October 28

Morning:

Organizer: Tom St Clair	Facilitator: Eric Miller	Notes: Sue Rodman
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0800 Welcome from AWFCG: Dan Warthin and Dean Brown

0810 What we want to get out of this summit: Tom St Clair

- Brief recap of how this summit came about (recent progress)
- Research questions
- Training recommendations
- Use in decision making
- Identify existing data to consolidate (fuel moisture, fire behavior observations)
- Action items for AWFCG

0830 Brief refresher of CFFDRS: Robert Ziel

0915 BREAK

0930 Timeline/history of CFFDRS

- Development of CFFDRS, including methods for calculating codes: Chelene Krezek-Hanes and Tim Lynham
- History of application in Alaska: Kato Howard
- Preliminary assessment of CFFDRS application in Alaska: Jane Wolken

1000 Overseas use of CFFDRS: Marty Alexander Adjunct Professor - Wildland Fire Science & Management, University of Alberta, Edmonton, AB

- Emphasis on solutions to technology transfer issues

1030 BREAK

1045 Management case studies: Tom St. Clair plus panels of Alaska, Canadian and Great Lakes managers

Part 1. How is CFFDRS being used in Alaska now (continuing if needed after lunch):

- Military zone rx and Army Pyrotechnics restrictions: Branden Petersen
- Website and Daily Briefings: Sharon Alden
- Statewide resource prepositioning: Kato Howard
- State uses for staffing: Robert Schmoll
- Decision making on wildfires: Larry Weddle
- Reconciling Fire Behavior Prediction (FSPro) with CFFDRS: Mark Hale, Peter Butteri

1200 LUNCH

Afternoon:

Organizer: Tom St Clair	Facilitator: Lisa Saperstein	Notes: Robert Ziel
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1330 Management case studies: Tom St. Clair plus panels of Alaska, Canadian and Great Lakes managers

Part 2. How CFFDRS is used in Canada and Great Lakes

- Adoption of CFFDRS on the Chequamegon-Nicolet National Forest: Scott Linn, Lakewood/Laona Ranger Station, District AFMO
- Use of CFFDRS for preparedness planning in YT
- The NWT experience with Fire Weather Indices in the extreme fire season of 2014: Kris Johnson, NWT Fire Science Lead
- Universal fire behavior calculator RedApp: early results of beta testing in Canada, and examples of management use: Franco Nogarín, IT lead for NWT fire applications

BREAK as needed

Canadian plans for CFFDRS update: Chelene Krezek-Hayes

Part 3. Facilitated discussion of how managers would like to use it in the future

- Daily decision making: prepositioning, staffing, statewide drawdown levels, action fire decisions, conversion date, RX prescriptions: TBD
- Visual display of fire danger on AICC website—update on proposed Mesowest contract for Fire Weather Index forecasting and display: Robert Ziel
- Using FWI codes and indices to influence U.S. tools
- 7-day product: Can CFFDRS be used to improve this in Alaska? Heidi Strader
- Lightning: occurrence prediction and holdovers
- How FWI fuel moisture codes can be leveraged to provide local knowledge to WFDSS analysis inputs: Robert Ziel
- Plans for the spring modeling workshop: Targeted towards people who would like to explore using CFFDRS inputs to help inform WFDSS models: Jen Barnes

1545 Introduction to upcoming events:

- Wednesday morning breakout sessions: Tom St Clair
- evening poster and storytelling session: Randi Jandt and Mark Hale

1600 ADJOURN

Evening: Poster session with food and storytelling for Fire Stories project
(<http://www.dri.edu/firestories>): Randi Jandt and Mark Hale

Wednesday, October 29

Morning:

Organizer: Sharon Alden	Facilitator: Jen Northway	Notes: Randi Jandt
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0800 Key points from day 1: Jen Northway

0810 Break out groups for discussion on specific applications:

- Using CFFDRS in military fire danger program: Brandon Peterson
- REDApp demo: Franco Nogarin
- How CFFDRS can be used in prescription planning: Ben Pratt
- AFS FMO staffing plan: TBD
- Others TBD based on Tuesday discussions

0930 Report out from breakouts and discussion

1015 BREAK

1030 Review interagency management of RAWs, WIMS, WFDSS: Heidi Strader, Mark Hale and Bev Fronterhouse

- How are our RAWs data, WIMS outputs, and WFDSS analysis inputs related.
- What changes to the weather inputs for WFDSS analyses are anticipated.
- Will CFFDRS fire danger graphs be available?
- Green up dates

1100 Overwintering and past experiences: Sharon Alden

- Results from moisture probes next to RAWs stations
- Ops perspective on how information is being used, particularly for staffing
- Did the early season problem fires seem to burn deeper in places with higher DC?
- Should we try to overwinter stations for historic data in order to make analyses easier?

1130 Discussion

1200 LUNCH

Afternoon

Organizer: Sharon Alden	Facilitator:	Notes: GaBriella Branson
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1330 Fuel moisture: Jen Barnes, Eric Miller, Lisa Saperstein

- Where are we with the sampling effort?
- Which codes track fuel moistures and when?
- Performance of automated devices
- Is sampling useful to managers? Should we continue to sample?
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1415 Water dynamics on the landscape: Bob Bolton

1445 BREAK

1500 Remote sensing approaches to fuel moisture/fire risk validation: Chelene Krezek-Hanes, Eric Stevens

1530 Discussion

1600 ADJOURN

Thursday, October 30

Morning

Organizer: Robert Ziel	Facilitator: KT Pyne	Notes: Jen Northway
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0800 Key points from day 2: KT Pyne

0810 Seasonality: Robert Ziel and Brad Reed

- which codes are informative at which times of year?
- Canadian approach: Tim Lynham
- How can this be used for staffing decisions—different break points at different times of year.
- FSPro update: needs to be specified for boreal/tundra

0845 Regional effects: Randi Jandt and Jeremy Littell

- Can we use Jeremy Littell's approach to regionalize danger ratings?
- Can we improve long-term regional forecasts?

0915 Crown Fire Behavior In Conifer Forests Synthesis: Marty Alexander

0945 BREAK

1000 Recommendations/approaches for training in future: TBD, Mark Hale

- NWCG considerations
- Fire behavior training plan: Robert Ziel
- Modernization of FWI with MesoWest and FBP app development
- Training use of FBP and FWI
- Changes to FSPro
- REDapp workshop

1045 Engaging researchers in these questions, supporting managers in doing research: Jennifer McMillan, KT Pyne, Sarah Trainor

1115 Action items and panel discussion for AWFCG: Dan Warthin and Dean Brown

1200 ADJOURN

For more information, contact CFFDRS Summit Planning Committee:

Tom St. Clair, chair

Sharon Alden, Kristi Bulock, Randi Jandt, Larry Weddle, Alison York, Robert Ziel